Annual Drinking Water Quality Report

For

Pheasant Ridge

June, 2013

PWSID #0060210

We are very pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the water quality and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make continually to improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water source is from two drilled wells located near the East end of East Hill Road. These wells draw their water from the Marsburg Schist Aquifer that is part of the Ijamsville formation. The water from these wells is pumped to the water storage tank, as the water enters the tank it is treated with a sodium hypochlorite solution for disinfection and sodium hydroxide for adjusting the pH level of the water. The water then travels through a network of underground pipes to your home.

Pheasant Ridge management routinely monitors for constituents of your drinking water according to Federal and State laws. The results in this report are for the period of January 1, 2012 to December 31, 2012

We are pleased to report that our drinking water is safe and met all Federal and State requirements. There were no water quality violations during this reporting period.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorder, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If you have any questions about this report or concerning your water utility, please contact **Mr. Joseph D. Magee,** Utility Superintendant, at 301-831-5161. We want our valued residents to be informed about their water utility. If you want to learn more, please contact us so that we may schedule an appointment to further describe our system and operations to you.

The EPA is reviewing the drinking water standard for arsenic because of special concerns that it may not be stringent enough. Arsenic is a naturally occurring mineral known to cause cancer in humans at high concentrations.

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than those at the other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using the tap water. Additional information is available from the Safe Drinking Water Hotline at 1-800-426-4791.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemical and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by call the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Total Coliform: The Total Coliform Rule requires water systems to meet a more strict limit for coliform bacterial. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the more strict regulation, we have increased the average amount of chlorine in the distribution system.

Nitrates: As a precaution we always notify physicians and health care providers in this area if there is a higher than normal level of nitrates in the water supply.

Lead: Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

Please call our office if you have any questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) -laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mgll)- one part per million cortesponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter- one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/1) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in $10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in $10,000,000,000,000.

Picocuries per liter (pCi/L)- picocuries per liter is a measure of the radioactivity in water.

Millirems per year (mremlyr)- measure of radiation absorbed by the body.

Million Fibers per Liter (MFL) -million fipers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Variances & Exemptions (V&E) - State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT}- (mandatory language) A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level- (mandatory language) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal- (mandatory language) The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

PWSID: 0060210 PHEASANT RIDGE ESTATES

Plant Id: 01 WELLS 1+2+3

Ref Id	Contaminant	Sample Date		Result Units
006021001G001005485001	2010 BHC-GAMMA(LINDANE)	20-JUN-11	<	.1 ug/L
006021001G001005485001	2015 METHOXYCHLOR	20-JUN-11	<	.5 ug/L
006021001G001005485001	2306 BENZO(a)PYRENE	20-JUN-11	<	.1 ug/L
006021001G001005485001	2039 DI(2-ETHYLHEXYL) PHTHALATE	20-JUN-11		2.66 ug/L
006021001G001005485001	2105 2,4-D	20-JUN-11	<	.1 ug/L
006021001G001005485001	2043 ALDICARB SULFOXIDE	20-JUN-11	<	1 ug/L
006021001G001005485001	2326 PENTACHLOROPHENOL	20-JUN-11	<	.05 ug/L
006021001G001005485001	2041 DINOSEB	20-JUN-11	<	.1 ug/L
006021001G001005485001	2037 SIMAZINE	20-JUN-11	<	.5 ug/L
006021001G001005485001	2077 PROPACHLOR (RAMROD)	20-JUN-11	<	.5 ug/L
006021001G001005485001	2274 HEXACHLOROBENZENE (HCB)	20-JUN-11	<	.5 ug/L
006021001135PR112111	1040 NITRATE	21-NOV-11		1.9 mg/L
006021001G001991843	2990 BENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2969 p-DICHLOROBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2983 1,2-DICHLOROPROPANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2964 METHYLENE CHLORIDE	04-MAY-09	<	.5 ug/L
006021001G001991843	2942 BROMOFORM	04-MAY-09	<	.5 ug/L
006021001G001991843	2214 BROMOMETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2210 CHLOROMETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2965 o-CHLOROTOLUENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2416 2,2-DICHLOROPROPANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2998 n-PROPYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2420 1,2,3-TRICHLOROBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2993 BROMOBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2994 ISOPROPYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2248 NAPHTHALENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2962 p-XYLENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2426 TERT-BUTYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2995 m-XYLENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2986 1,1,1,2-TETRACHLOROETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2980 1,2-DICHLOROETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2977 1,1-DICHLOROETHYLENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2991 TOLUENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2992 ETHYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2989 MONOCHLOROBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2985 1,1,2-TRICHLOROETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2216 CHLOROETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2978 1,1-DICHLOROETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2413 1,3-DICHLOROPROPENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2410 1,1-DICHLOROPROPENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2422 N-BUTYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2424 1,3,5-TRIMETHYLBENZENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2212 DICHLORODIFLUOROMETHANE	04-MAY-09	<	.5 ug/L
006021001G001991843	2997 o-XYLENE	04-MAY-09	<	.5 ug/L
006021001G001991843	2982 CARBON TETRACHLORIDE	04-MAY-09	<	.5 ug/L
006021001G001991843	2251 METHYL-TERT-BUTYL-ETHER	04-MAY-09	<	.5 ug/L
006021001G001991843	2979 trans-1,2-DICHLOROETHYLENE	04-MAY-09	<	.5 ug/L

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Ref Id	Contaminant	Sample Date		Result	Units
006021001G001991843	2976 VINYL CHLORIDE	04-MAY-09	<	.5	ug/L
006021001G001991843	2987 TETRACHLOROETHYLENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2378 1,2,4-TRICHLOROBENZENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2996 STYRENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2955 XYLENES, TOTAL	04-MAY-09	<	.5	ug/L
006021001G001991843	2941 CHLOROFORM	04-MAY-09	<	.5	ug/L
006021001G001991843	2966 p-CHLOROTOLUENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2418 1,2,4-TRIMETHYLBENZENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2246 HEXACHLOROBUTADIENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2414 1,2,3-TRICHLOROPROPANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2430 BROMOCHLOROMETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2030 P-ISOPROPYLTOLUENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2408 DIBROMOMETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2428 SEC-BUTYLBENZENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2251 METHYL-TERT-BUTYL-ETHER	04-MAY-09	<	.5	ug/L
006021001G001991843	2984 TRICHLOROETHYLENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2981 1,1,1-TRICHLOROETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2968 o-DICHLOROBENZENE	04-MAY-09	<	.5	ug/L
006021001G001991843	2380 cis-1,2-DICHLOROETHYLENE	04-MAY-09		.6	ug/L
006021001G001991843	2944 DIBROMOCHLOROMETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2943 BROMODICHLOROMETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2988 1,1,2,2-TETRACHLOROETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2412 1,3-DICHLOROPROPANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2218 TRICHLOROFLUOROMETHANE	04-MAY-09	<	.5	ug/L
006021001G001991843	2967 m-DICHLOROBENZENE	20-JUN-11	<	1	ug/L
006021001G001005485001	2021 CARBARYL	20-JUN-11	<	1	ug/L
006021001G001005485001	2046 CARBOFURAN	20-JUN-11	<	1	ug/L
006021001G001005485001	2036 OXAMYL (VYDATE)	20-JUN-11	<	1	ug/L
006021001G001005485001	2047 ALDICARB	20-JUN-11	<	.05	ug/L
006021001G001005485001	2440 DICAMBA	20-JUN-11	<	.5	ug/L
006021001G001005485001	2051 ALACHLOR (LASSO)	20-JUN-11	<	.5	ug/L
006021001G001005485001	2050 ATRAZINE	20-JUN-11	<	.5	ug/L
006021001G001005485001	2356 ALDRIN	20-JUN-11	<	1	ug/L
006021001G001005485001	2959 CHLORDANE	20-JUN-11	<	.5	ug/L
006021001G001005485001	2042 HEXACHLOROCYCLOPENTADIENE	20-JUN-11	<	.01	ug/L
006021001G001005485001	2931 1,2-DIBROMO-3-CHLOROPROPANE	20-JUN-11	<	1	ug/L
006021001G001005485001	2066 3-HYDROXYCARBOFURAN	20-JUN-11	<	.1	ug/L
006021001G001005485001	2110 2,4,5-TP (SILVEX)	20-JUN-11	<	.1	ug/L
006021001G001005485001	2111 2,4,5-T	20-JUN-11	<	.5	ug/L
006021001G001005485001	2045 METOLACHLOR	20-JUN-11	<	.5	ug/L
006021001G001005485001	2005 ENDRIN	20-JUN-11	<	.1	ug/L
006021001G001005485001	2067 HEPTACHLOR EPOXIDE	20-JUN-11	<	.01	ug/L
006021001G001005485001	2946 ETHYLENE DIBROMIDE (EDB)	20-JUN-11	<	1.5	ug/L
006021001G001005485001	2035 DI(2-ETHYLHEXYL) ADIPATE	20-JUN-11	<	1	ug/L
006021001G001005485001	2022 METHOMYL	20-JUN-11	<	.1	ug/L
006021001G001005485001	2031 DALAPON	20-JUN-11	<	1	ug/L
006021001G001005485001	2044 ALDICARB SULFONE				

PWSID: 0060210 PHEASANT RIDGE ESTATES

Plant Id: 01 WELLS 1+2+3

Ref Id	Contaminant	Sample Date		Result	Units
006021001G001005485001	2040 PICLORAM	20-JUN-11	<	.15	ug/L
006021001G001005485001	2595 METRIBUZIN (SENCOR)	20-JUN-11	<	1.5	ug/L
006021001G001005485001	2076 BUTACHLOR (MACHETE)	20-JUN-11	<	.5	ug/L
006021001G001005485001	2070 DIELDRIN	20-JUN-11	<	.5	ug/L
006021001G001005485001	2065 HEPTACHLOR	20-JUN-11	<	.2	ug/L
006021001G001005485001	2015 METHOXYCHLOR	20-JUN-11	<	.5	ug/L
006021001G001005485001	2010 BHC-GAMMA(LINDANE)	20-JUN-11	<	.1	ug/L
006021001G001005485001	2039 DI(2-ETHYLHEXYL) PHTHALATE	20-JUN-11		2.66	ug/L
006021001G001005485001	2306 BENZO(a)PYRENE	20-JUN-11	<	.1	ug/L
006021001G001005485001	2105 2,4-D	20-JUN-11	<	.1	ug/L
006021001G001005485001	2043 ALDICARB SULFOXIDE	20-JUN-11	<	1	ug/L
006021001G001005485001	2326 PENTACHLOROPHENOL	20-JUN-11	<	.05	ug/L
006021001G001005485001	2041 DINOSEB	20-JUN-11	<	.1	ug/L
006021001G001005485001	2037 SIMAZINE	20-JUN-11	<	.5	ug/L
006021001G001005485001	2077 PROPACHLOR (RAMROD)	20-JUN-11	<	.5	ug/L
006021001G001005485001	2274 HEXACHLOROBENZENE (HCB)	20-JUN-11	<	.5	ug/L
006021001135PR112111	1040 NITRATE	21-NOV-11		1.9	mg/L
006021001102090513009	1025 FLUORIDE	13-MAY-09	<	.2	mg/L
006021001102090513009	1075 BERYLLIUM	13-MAY-09	<	.002	mg/L
006021001102090513009	1045 SELENIUM	13-MAY-09	<	.003	mg/L
006021001102090513009	1085 THALLIUM	13-MAY-09	<	.001	mg/L
006021001G001003021001	1041 NITRITE	04-MAY-09	<	.1	mg/L
006021001102090513009	1074 ANTIMONY	13-MAY-09	<	.003	mg/L
006021001102090513009	1035 MERCURY	13-MAY-09	<	.0002	mg/L
006021001102090513009	1010 BARIUM	13-MAY-09		.011	mg/L
006021001102090513009	1015 CADMIUM	13-MAY-09	<	.002	mg/L
006021001102090513009	1036 NICKEL	13-MAY-09	<	.01	mg/L
006021001102090513009	1052 SODIUM	13-MAY-09		22	mg/L
006021001102090513009	1005 ARSENIC	13-MAY-09	<	.003	mg/L
006021001102090513009	1020 CHROMIUM	13-MAY-09	<	.005	mg/L
006021001G001005485001	2021 CARBARYL	20-JUN-11	<	1	ug/L
006021001G001005485001	2046 CARBOFURAN	20-JUN-11	<	1	ug/L
006021001G001005485001	2036 OXAMYL (VYDATE)	20-JUN-11	<	1	ug/L
006021001G001005485001	2047 ALDICARB	20-JUN-11	<	1	ug/L
006021001G001005485001	2440 DICAMBA	20-JUN-11	<	.05	ug/L
006021001G001005485001	2050 ATRAZINE	20-JUN-11	<	.5	ug/L
006021001G001005485001	2051 ALACHLOR (LASSO)	20-JUN-11	<	.5	ug/L
006021001G001005485001	2959 CHLORDANE	20-JUN-11	<	1	ug/L
006021001G001005485001	2356 ALDRIN	20-JUN-11	<	.5	ug/L
006021001G001005485001	2042 HEXACHLOROCYCLOPENTADIENE	20-JUN-11	<	.5	ug/L
006021001G001005485001	2931 1,2-DIBROMO-3-CHLOROPROPANE	20-JUN-11	<	.01	ug/L
006021001G001005485001	2066 3-HYDROXYCARBOFURAN	20-JUN-11	<	1	ug/L
006021001G001005485001	2111 2,4,5-T	20-JUN-11	<	.1	ug/L
006021001G001005485001	2110 2,4,5-TP (SILVEX)	20-JUN-11	<	.1	ug/L
006021001G001005485001	2045 METOLACHLOR	20-JUN-11	<	.5	ug/L
006021001G001005485001	2067 HEPTACHLOR EPOXIDE	20-JUN-11	<	.1	ug/L
006021001G001005485001	2005 ENDRIN	20-JUN-11	<	.5	ug/L

PWSID: 0060210 **PHEASANT RIDGE ESTATES**

Plant Id: **01 WELLS 1+2+3**

Ref Id	Contaminant	Sample Date		Result	Units
006021001G001005485001	2946 ETHYLENE DIBROMIDE (EDB)	20-JUN-11	<	.01	ug/L
006021001G001005485001	2035 DI(2-ETHYLHEXYL) ADIPATE	20-JUN-11	<	1.5	ug/L
006021001G001005485001	2022 METHOMYL	20-JUN-11	<	1	ug/L
006021001G001005485001	2031 DALAPON	20-JUN-11	<	.1	ug/L
006021001G001005485001	2044 ALDICARB SULFONE	20-JUN-11	<	1	ug/L
006021001G001005485001	2040 PICLORAM	20-JUN-11	<	.15	ug/L
006021001G001005485001	2076 BUTACHLOR (MACHETE)	20-JUN-11	<	.5	ug/L
006021001G001005485001	2595 METRIBUZIN (SENCOR)	20-JUN-11	<	1.5	ug/L
006021001G001005485001	2065 HEPTACHLOR	20-JUN-11	<	.2	ug/L
006021001G001005485001	2070 DIELDRIN	20-JUN-11	<	.5	ug/L